

Martin Valcin  
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## EDUCATION:

**University of Medicine & Dentistry of New Jersey**; Piscataway, NJ  
Master of Public Health: May 2005  
**College of Staten Island**; Staten Island, NY  
Bachelor of Science Biology: August 1998  
**Syracuse University**; Syracuse, NY  
Biology, minor: Psychology

## EXPERIENCE:

### **ASPH/CDC/ATPM Fellow**      *National Institute of Environmental Health and Safety*      **6/05-present**

Received multidisciplinary training from fellowship in agricultural safety and health  
Analyzed large dataset of farm women from the Agricultural Health Study  
Performed logistic regression using SAS to determine associations between occupational exposures and disease  
Wrote research paper on risk factors for chronic bronchitis among farm women

### **Health Data Specialist**      *NJ Department of Health - Trenton, NJ*      **3/04-5/05**

Drafted several health hazard alerts to promote good industrial hygiene among lead and isocyanate users  
Involved in outreach to corporations and the lay public about occupational health hazards  
Created and queried various databases in Access and Marketplace  
Edited, tested, and administered surveys to emergency responders and lay public about KI prophylaxis  
Visited chemical manufacturing sites and hospitals and attended public health conferences and workshops

### **Health Research Training Program Intern**      *NYC Dept of Health - New York, NY*      **3/04-7/04**

Analyzed femicide data from the Chief Medical Examiner's Office to determine whether foreign-born status influences the risk of inter-partner violence  
Researched literature on domestic violence and homicide of women  
Learned about injury epidemiology and queried injury databases  
Used SPSS and SAS to analyze collected data  
Wrote a research paper on the homicide of women as it related to foreign-born status

### **Environmental & Occupational Medicine Intern**      *Mount Sinai Medical Center - NY*      **6/03-8/03**

Accepted into a nationally competitive training program funded by the NIH that aimed to expose undergraduate and graduate students to research experiences in environmental medicine  
Performed a study to determine the relationship between a GCPII polymorphism and colorectal cancer  
Genotyped hundreds of individuals using a novel PCR technique, PCR-CTPP  
Analyzed and interpreted results, epidemiological data, biostatistical methods and co-authored publication  
Attended many seminars in epidemiology and environmental and occupational medicine

### **Research Coordinator**      *Mount Sinai Medical Center - New York, NY*      **1/99-1/2003**

Conducted several experiments with hippocampal neurons to study synapogenesis  
Initiated and maintained neural, glial, and L cell cultures *in vitro*  
Applied Western blot and gel electrophoresis for protein and DNA determination  
Learned several transfection and transformation protocols for introducing DNA into cells  
Analyzed data with Zeiss Axiophot fluorescent microscope and Neurozoom software  
Taught post docs and fellow technicians immunocytochemistry and rat brain dissections  
Communicated results to fellow researchers and faculty regularly and co-authored publication

**COMPUTER SKILLS:**

SPSS  
Quarkxpress

SAS

Access  
Adobe Photoshop

Powerpoint  
Adobe Illustrator

MS Excel  
Endnote